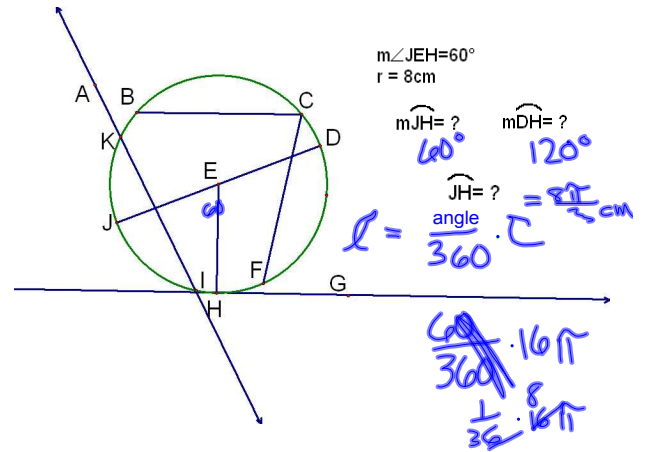
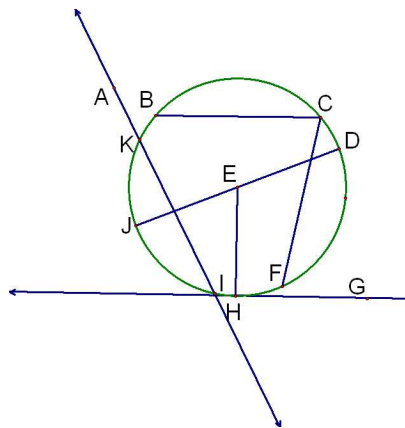


Quiz tomorrow 10.1-10.3

Vocabulary

chord  
diameter  
radius  
secant  
tangent  
minor arc  
major arc  
semicircle  
central angle



Be able to determine

- the measure (degrees) of an arc
- the length (units) of an arc
- the circumference of a circle

Use right triangles to determine the length of a chord or radius

30	60	90
X	$X\sqrt{3}$	$2X$

45	45	90
X	X	$X\sqrt{2}$

- congruent chords have congruent arcs
- congruent chords are equidistant from the center
- If the radius is perpendicular to a chord, then it bisects the chord and its arc.

